

## TSE-A100 SELF-CONTAINED SMOKE GENERATOR



### STANDARD FEATURES

- Tests all types of smoke detectors.
- Completely self contained and portable.
- Extends from 5.25 feet to 14.1 feet.
- Internal Smoke Source.
- Non-Toxic Smoke Source.
- Unit includes shoulder sling carrying case.
- Optional adapter for high velocity conditions.
- Exhaust function to clear detector.
- Built-in filter to prevent tar residue from adhering to the surface of the detector.

### SPECIFICATIONS

Rated Voltage	3 VDC
Battery	2 - "D" Batteries
Combustion Material	Punk Stick (7 mm diameter, 150 mm long)
Weight	5 Lbs.
Length	5.25 to 14.1 feet
Color	Brown

### APPLICATION

The Hochiki America TSE-A100 is one of the most advanced units of its kind and is the result of extensive research and development aimed at making the job of testing detectors a simple and efficient operation .

The TSE-A100 can be used to test all types of smoke detectors by applying smoke from an internal smoke source.

Although this is not a calibrated amount of smoke, the TSE-A100 is an excellent choice for periodic functional testing of smoke detectors.

### OPERATION

#### Preparation

1. Remove the TSE-A100 from its carrying case.
2. Unscrew the **combustion chamber** from the bottom of the TSE-A100.
3. Unscrew the **punk stick holder retainer** from the combustion chamber.
4. Insert a punk stick into the **punk stick holder** in the combustion chamber.
5. Light the punk stick with a flame.
6. Reassemble the combustion chamber.
7. Screw the combustion chamber back into the bottom of the TSE-A100
8. Extend the **telescopic pole** of the TSE-A100 to a length which enables you to reach the detector you wish to test.

#### Testing a Detector

Once you have prepared the TSE-A100, follow the steps in this section to test smoke detectors.

**NOTE:** Allow 30 to 60 seconds after igniting punk stick for sufficient smoke generation.

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### PRODUCT PARTS

- TSE-A100 Self-Contained Smoke Generator
- Punk Stick (Part No. TSE-P100)

*Specifications subject to change without notice.*

### Hochiki America Corporation

7051 Village Drive, Suite 100 • Buena Park, CA 90621-2268  
 Phone: 714/522-2246 • Fax: 714/522-2268  
 Technical Support: 800/845-6692 or technicalsupport@hochiki.com



## OPERATION, *continued*

### Testing a Detector, *continued*

1. Rotate the combustion chamber so the #2 arrow line up with the **power indicator screw**. The fan powers on and a steady flow of smoke is released from the tip of the TSE-A100.
2. Raise the extended tip of the TSE-A100 to within 6-8' of the detector. The detector should alarm.

If no smoke comes out, check to make sure the punk stick is ignited, and the power indicator on the combustion chamber is set to #2.

### Storing the TSE-A100

1. Rotate the combustion chamber to the #1 position to turn the power off.
2. Compress the telescopic pole to its shortest length.
3. Replace the TSE-A100 in its carry case.
4. Store in a cool, dry place.
5. For extended storage, remove the batteries.

### NOTE

1. Use only the filter and combustion material specified.
2. Check battery capacity before use to assure efficient operation.
3. Remove batteries before long-period storage.

